



April 2001

# **NOAA Weather Wire Service (NWWS)**

**Providing Weather Information  
to the United States**



## **NWWS Program Management**

Responsibility for overall management of the NWWS resides at NWS Headquarters in Silver Spring, MD., within the Office of Operational Systems, Telecommunications Operations Center, (W/OPS32). Principal contacts are:

### **Martin Baron** (NWWS Program Leader)

Tel: 301-713-1743 X137

E-mail: martin.baron@noaa.gov

### **Douglas Walls** (NWWS Program Manager)

Tel: 301-713-1743 x147

E-mail: douglas.walls@noaa.gov

### **Gerard Tribie** (Dyncorp NWWS Program Manager)

Tel: 703-818-4940

E-mail: gerard.tribie@dyncorp.com

## **Troubleshooting Hotline:**

800-635-4679

## **NWWS Webpage Addresses:**

NWS:

<http://www.nws.noaa.gov/nwws/>

Dyncorp:

<http://dynis.is.dyncorp.com/contracts/nwws/>

# NOAA Weather Wire Service (NWWS)

## NWWS Operations

The NOAA Weather Wire Service (NWWS) is a satellite data collection and dissemination system operated by the National Weather Service (NWS). It's purpose is to provide state and federal government, commercial users, and private citizens with timely delivery of meteorological, hydrological, climatological, and geophysical information (a complete listing of NWWS products is available at <http://www.nws.noaa.gov/nwWS/>).

NWWS data products originate at 141 NWS offices, including 106 Weather Forecast Offices (WFO), 13 WFO/River Forecast Centers (WFO/RFC), representing 26 NWS offices in 13 co-located facilities), and 9 NWS National Centers, utilizing the Advanced Weather Information Processing System (AWIPS). NWWS also receives products from the U. S. Geological Survey's Earthquake Center. NWWS delivers priority 1 weather warning products to users within 10 seconds or less, making it the fastest delivery method available for these critical products.

NWWS network administration, maintenance, and field support is provided by DynCorp Information Systems LLC, under NWS contract.

## Product Routing

Collection of products and satellite uplink is performed at all 13 WFO/RFCs, 6 National Centers, and 1 WFO. Products are then received from the satellite at Master Ground Station # 1 in Alexandria, VA., delivered to the DynCorp Master Processing Center (MPC) in Chantilly, VA., and broadcast back to the satellite to users from Master Ground Station # 2 in Ft. Meade, MD. Most products are sent twice through two satellite uplink sites (paired AWIPS hubs) to ensure receipt if one site goes down. Additionally, NWWS receives back-up support from the AWIPS Network Control Facility in Silver Spring, MD, for priority 1 weather watches and warnings. Duplicate products are removed from the NWWS data stream at MPC before broadcast.

## WFO/RFC Paired AWIPS Hubs Uplinking Data to NWWS

KCTP/KRHA	Central PA/Middle Atlantic (State College PA)	814-237-1152
KBOX/KTAR	Boston/Northeast (Taunton MA)	508-823-1983
KFWD/KFWR	Dallas/Ft. Worth/West Gulf (Dalla TX)	817-831-1581
KSLC/KSTR	Salt lake City/Colorado Basin (Salt Lake City UT)	801-524-5106

KFFC/KALR	Atlanta/Southeast (Peachtree City GA)	770-486-0026
KLIX/KORN	New Orleans/Baton Rouge/Lower Mississippi (Slidell LA)	504-645-0565
KMPX/KMSR	Minneapolis/North Central (Minneapolis MN)	952-361-6671
KILN /KTIR	Cincinnati/Ohio (Wilmington OH)	937-383-0228
KEAX /KKRF	Kansas City/Pleasant Hill (Kansas City MO)	816-540-5147
KTSA /KTUA	Tulsa/Arkansas-Red Basin (Tulsa OK)	918-832-4115/6
KSTO/KRSA	Sacramento/California-Nevada (Sacramento CA)	916-979-3049
KPQR/KPTR	Portland/Northwest (Portland OR)	503-326-3720
PAFC/PACR	Anchorage/Alaska (Anchorage AK)	907-266-5105

## National Centers Uplinking Data To NWWS

KWNS Norman, OK	405-579-0721	Storm Prediction Center
KNHC Miami FL	305-229-4426/4/5	Tropical Prediction Center
PHEB Honolulu HI	808-689-8207	Pacific Tsunami Warning Ctr*
PAAQ Anchorage AK	907-745-4212	West Coast/Alaska Tsunami Warning Center*
KNEC Golden CO	303-273-8500	National Earthquake Information Center*
KNCF Silver Spring, MD	301-713-9344	AWIPS/NOAA Port Network Control Facility

*\*Non AWIPS Sites*




## WFO Uplinking data to NWWS

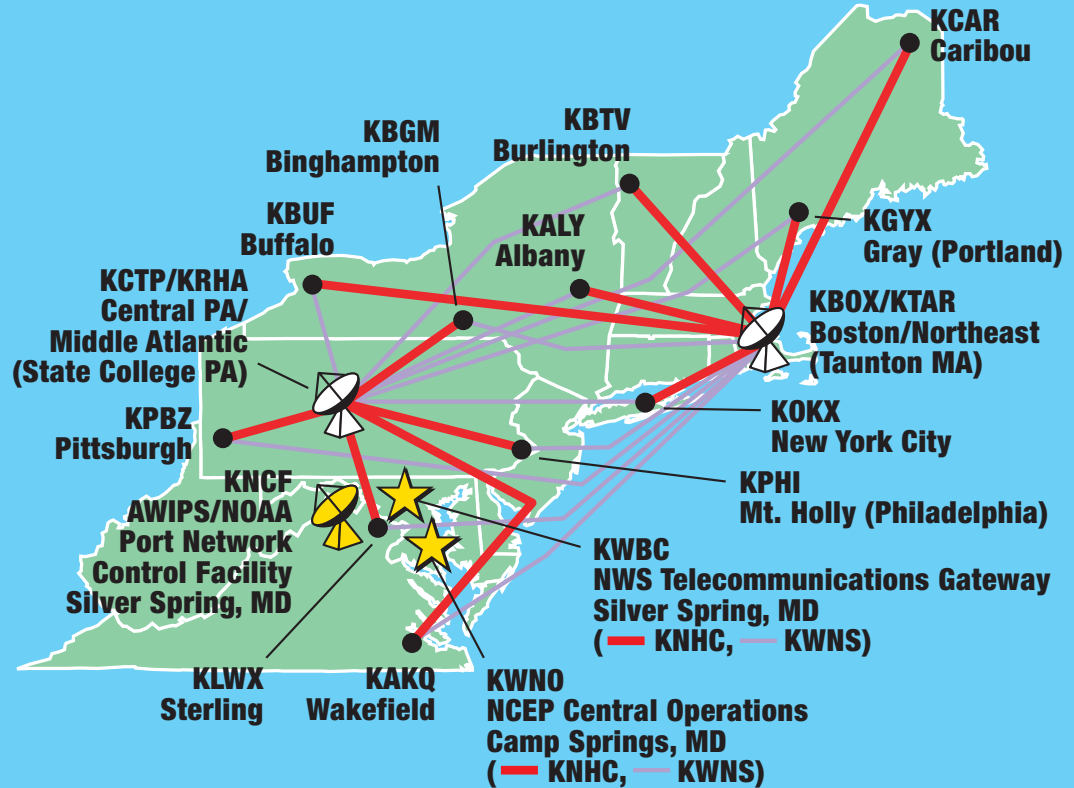
TJSJ San Juan, PR 787-253-4504/1 \*

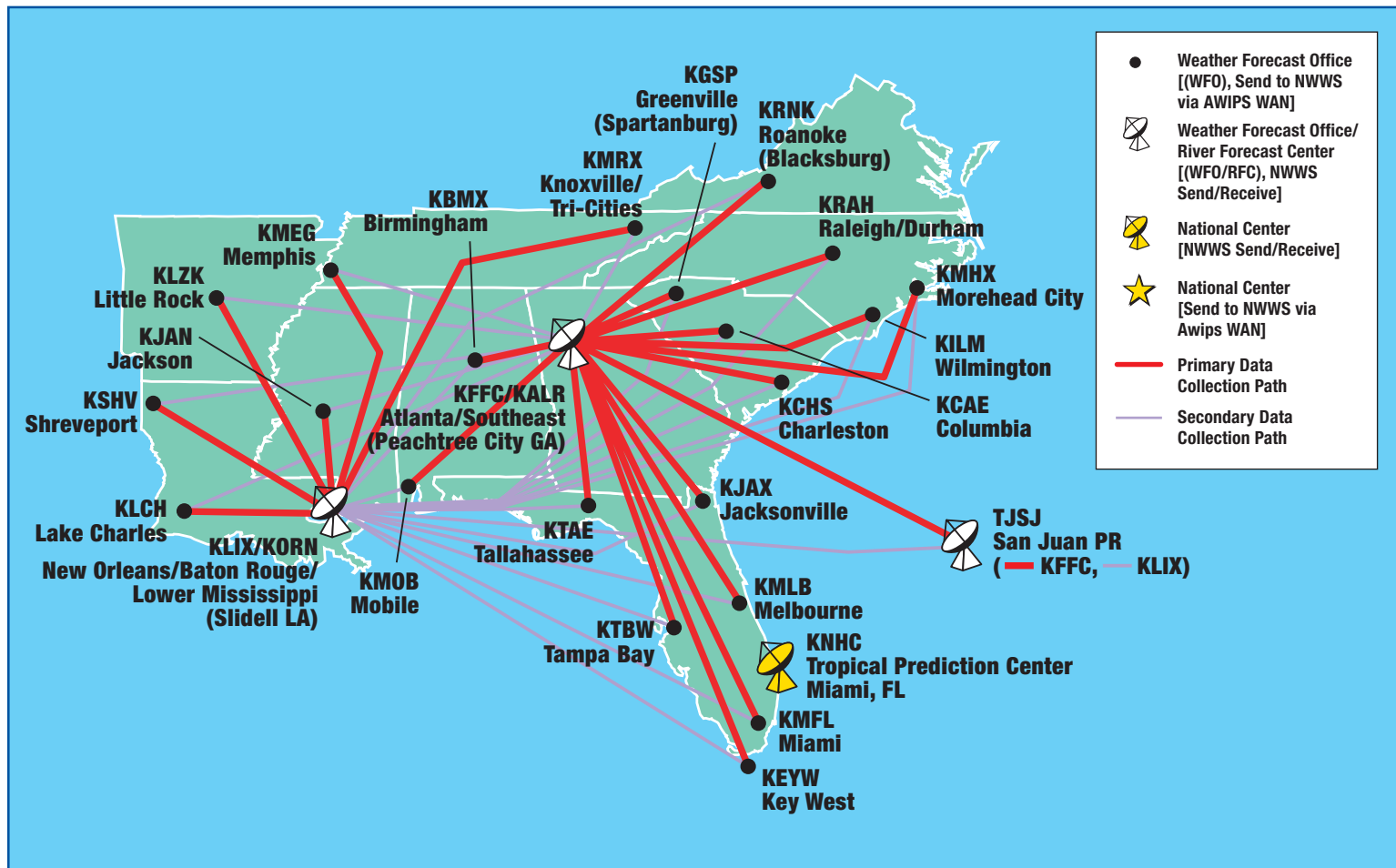
*\*KFFC/KALR and KLIX/KORN provide back-up.*

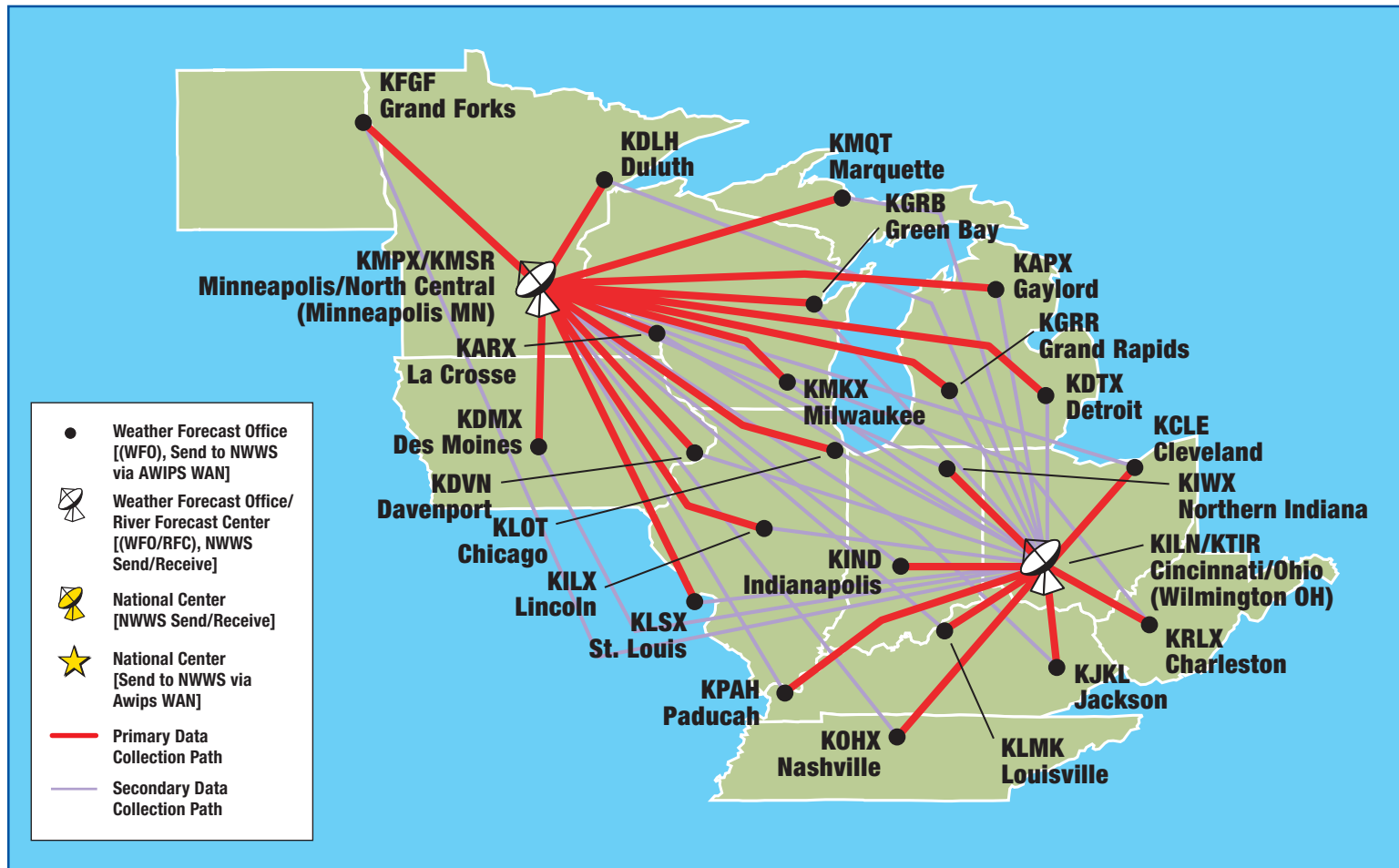
## Receiving NWWS Products

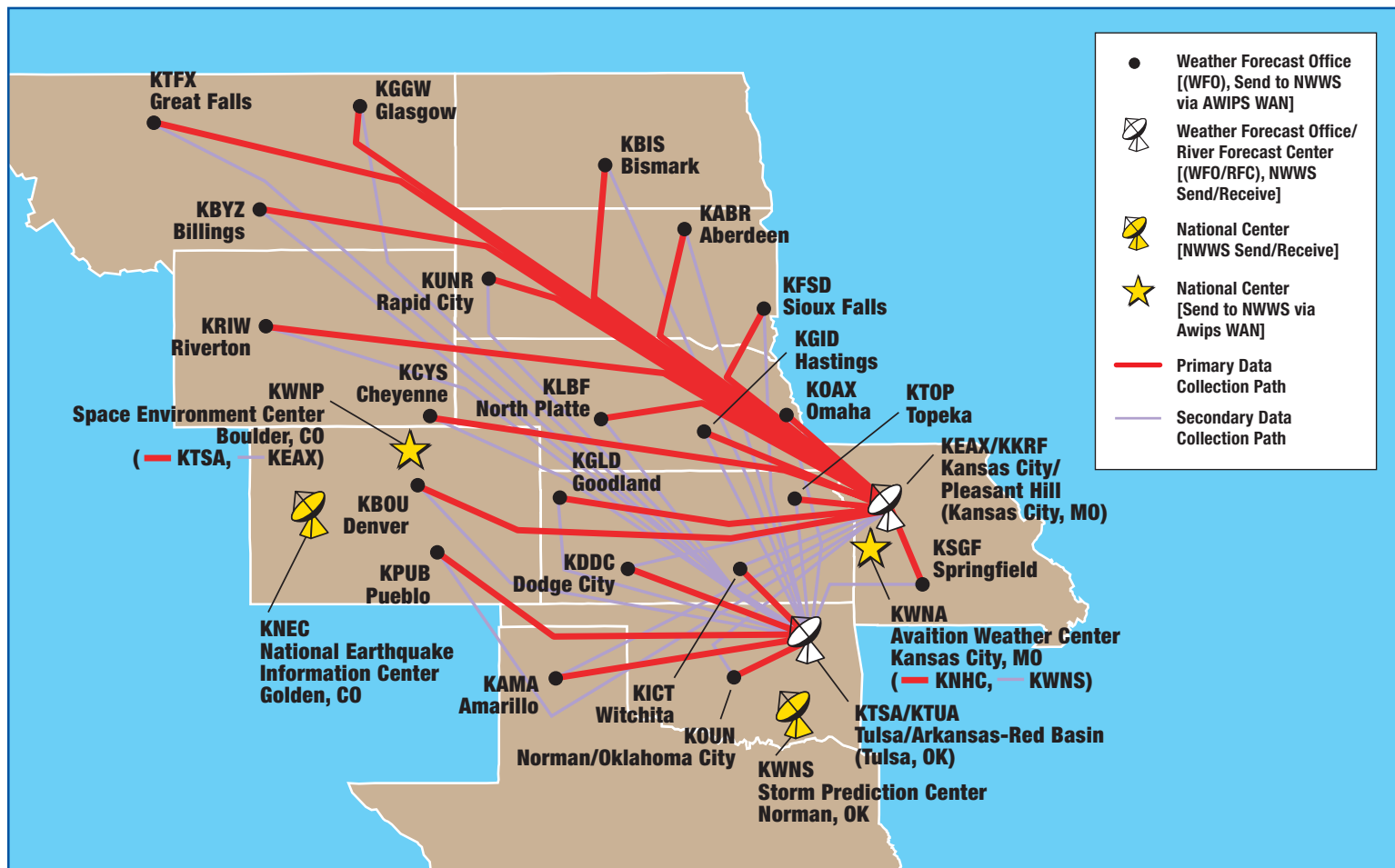
There are three options for receiving NWWS products: C-band satellite, Ku-band satellite, and INTERNET service. Software is also available to manipulate, select, and display data. For more information, contact DynCorp at 1-800-633-2340, or see the DynCorp/NWWS webpage at <http://dynis.is.dyncorp.com/contracts/nwws/>

- Weather Forecast Office [(WFO), Send to NWS via AWIPS WAN]
-  Weather Forecast Office/ River Forecast Center [(WFO/RFC), NWS Send/Receive]
-  National Center [NWS Send/Receive]
-  National Center [Send to NWS via Awips WAN]
- Primary Data Collection Path
- Secondary Data Collection Path



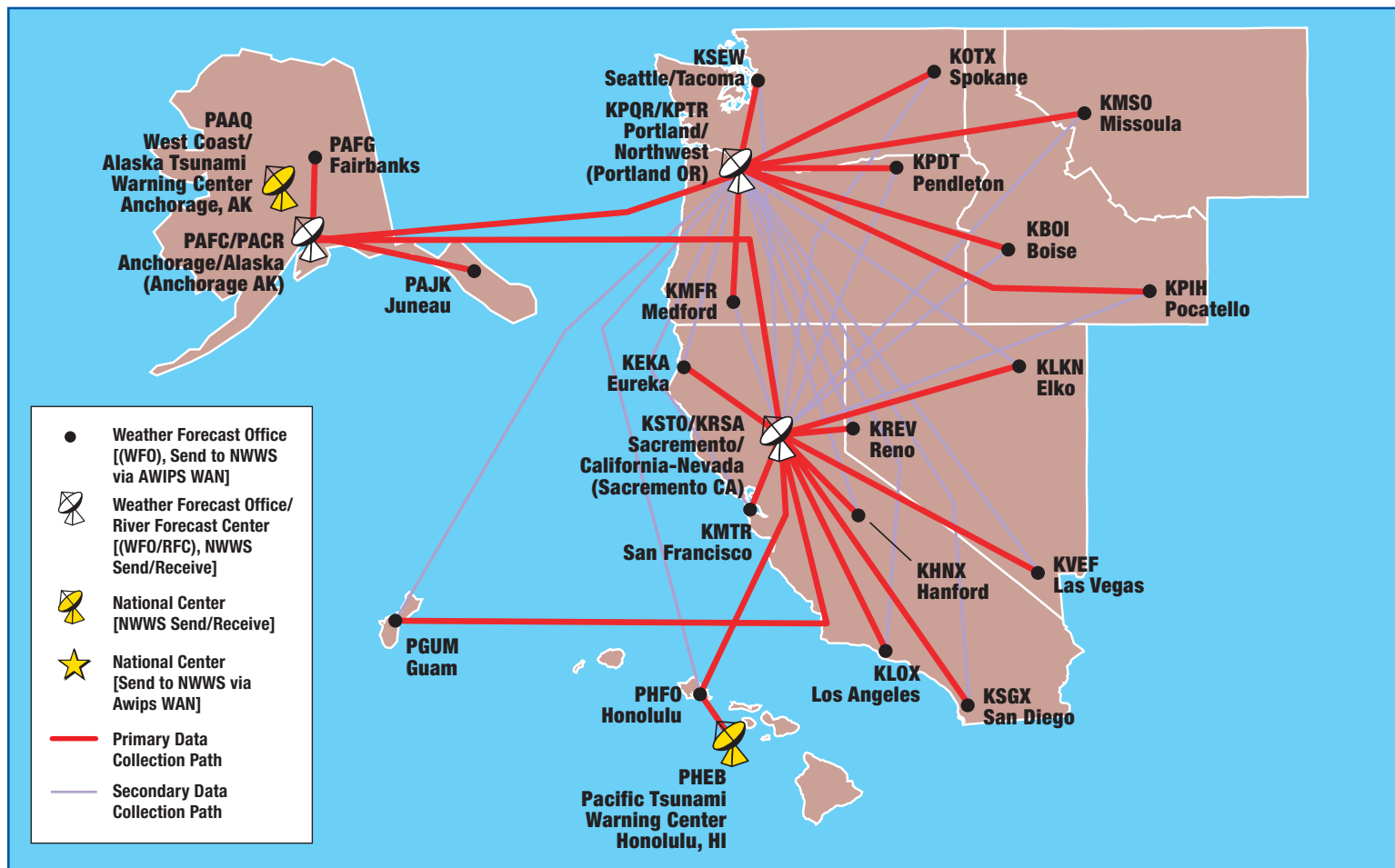












# State Emergency Management Agencies Utilizing NWS

State	Agency Name	POC	Email	Telephone
AK	Alaska Div. of Emergency Services	Mike Gruber	mike_gruber@al-prepared.com/	907-428-7264
AL	Alabama Dept. of Public Safety	Mark McHenry	mmchenry@dps.state.al.us	334-353-8500
AR	Arkansas State Police	Randy Presley	rpresley@asp.state.ar.us	501-618-8105
AZ	Arizona Dept. of Public Safety	Bob Stevenson	pburkenbine@dps.state.az.us	602-223-2474
CA	California Office of Emergency Services	Lloyd Darrington	lloyd_darrington@oes.ca.gov	916-262-1621
CA	California USCG CAMSPAC	Michael Doyal	mdoyal@d11.uscg.mil	415-669-2010
CO	Colorado State Traffic Operations Center	Rod Mead	rod.mead@dot.state.co.us	303-512-5822
CT	Connecticut Dept. of Public Safety	Daniel Failla	daniel.failla@po.state.ct.us	860-685-8270
DC	Emergency Management Agency	Bill Curry	wcurry-oep@dco.gov.org	202-673-7643
DE	Delaware State Police	Margret Caskey	mcaskey@state.de.us	302-659-2345
FL	Florida Div. of Emergency Mgmt.	John Fleming	john.fleming@dca.state.fl.us	850-413-9888
GA	Georgia Emergency Mgmt. Agency	Mike Taylor	mtaylor@gema.doas.state.ga.us	404-635-7213
IA	Iowa Dept. of Public Safety	Chuck Housman	housman@dps.state.ia.us	515-281-3535
ID	Idaho State Police	Al Wilson	al.wilson@isp.state.id.us	208-884-7088
IN	Indiana State Police Department	Don Kottlowski	dkottlowski@isp.state.in.us	317-233-6052
IL	Illinois State Police	Mike Sweeney	sweenem@isp.state.il.us/	217-557-1938
KS	Kansas Bureau of Investigation	Ely Meza	meza@kbi.state.ks.us	785-296-8254
LA	Louisiana State Police	Mike Sittig	msittig@dps.state.la.us	225-925-6237
MA	Mass. Emergency Management Agency	Steve Finks	steve.finks@state.ma.us	508-820-2020
MT	Montana Dept. of Transportation	Theresa Bousliman	imurolo@state.mt.us	406-444-9203
MD	Maryland Emergency Management Agency	Henry Black	hblack@mema.state.md.us	410-517-3637
ME	Maine State Police	Emile Poulin	emile.poulin@state.me.us	207-624-7078
MI	Michigan State Police	Stephen Brown	brownste@state.mi.us	517-336-6186
MN	Minnesota Dept. of Public Safety	Bob Johnson	robert.p.johnson@state.min.us	651-282-6576
MO	Missouri Highway Patrol	Jim Biggerstaff	jbiggers@mail.state.mo.us	573-526-6100
MS	Miss. Emergency Management Agency	Gary Hall	garyahall@earthlink.net	601-352-9100
NC	North Carolina Highway Patrol	Jimmy Tew	jtew@mail.jus.state.nc.us	919-733-3171
NE	Nebraska Highway Patrol	Kim Pohlen	kpohlen@nsp.state.ne.us	402-479-4955
ND	North Dakota State Radio Communications	Larry Ruebel	lruebel@state.nd.us	701-328-8108
NH	New Hampshire Dept. of Transportation	Ron Gomes	rwgomes@dot.state.nh.us	603-485-5767
NM	New Mexico Dept. of Public Safety	Scott Jones	sjones@dps.state.nm.us	505-476-9692
NJ	New Jersey State Police	Rob Schroeder	ippschrr@gw-njsp.org	609-538-6019
NV	Nevada State Div. of Emergency Mgmt.	Gary Derks	gsd@quik.com	775-687-4240
NY	New York State - SEMO	Earl Dressel	earl.dressel@semo.state.ny.us	518-457-2200
OH	Ohio Emergency Management Agency	Dean Bolten	dbolten@dps.state.oh.us	614-889-7154
OK	Oklahoma Dept. of Public Safety	Phil Burk	pburk@olets.state.ok.us	405-425-2253
OR	Oregon Dept. of Transportation	Tom Yarnell	tom.f.yanell@state.or.us	503-986-3170
PA	Pennsylvania Emergency Management	Frank Weges	fweges@state.pa.us	717-651-2039
PR	Puerto Rico State Emergency Management	Andres Rodrigues	arodrigues@amead.prstar.net	787-724-0124
RI	Rhode Island State Police	Brian Glancy	bglancy@rilets.state.ri.us	401-444-1033
SC	South Carolina Law Enforcement	Scott Wilkerson	tswilkerson@mail.sled.state.sc.us	803-896-7107
SD	State of South Dakota	Delton Tipton	delton.tipton@state.sd.us	605-773-4636
TN	Tennessee Emergency Management	David Wolfe	dwolfe@tnema.org	615-741-2749
TX	Texas Dept. of Public Safety	Larry Jentry	larry.jentry@txdps.state.tx.us	512-424-2208
USVI	Vitema	Ron Martin	wp2k@viaccess.net	340-774-2244
VA	NOAA NESDIS Wallops IS CDA	Rick White	rwhite@wcdl.noaa.gov	757-824-7331
VA	USCG, CAMSLANT	Paul Gingras	pgingras@camlant.uscg.mil	757-421-6233
VA	Virginia State Emerg. Operations Center	Vic Buisset	vbuisset.des@state.va.us	804-674-2420
VT	Vermont Dept. of Public Safety	Chris Fuhrmeister	cfuhrmei@dps.state.vt.us	802-241-5216
WA	Washington State Dept. of Transportation	Mark Morse	morsemh@wsdot.wa.gov	206-440-4479
WV	West Virginia State Police	Roy McCallister	rmccallister@wvsp.state.wv.us	304-746-2154
WI	Wisconsin Dept. of Transportation	Tony Paulson	tony.paulson@dot.state.wi.us	608-846-8500
WY	Wyoming Dept. of Transportation	Bill Smith	bsmith1@state.wy.us	307-777-4440

# NWWS System Overview

